

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. Mo5152/LeA 33,069	Serial No. 09/291,832
		Applicant Wolfgang Jacobsen et al	
		Filing Date April 14, 1999	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J.L.	AA	4,346,376	08/24/82	Mallos	340	712	
J.L.	AB	4,444,998	04/24/84	House	178	19	
J.L.	AC	5,179,369	01/12/93	Person et al	340	712	
J.L.	AD	5,359,155	10/25/94	Helser	178	18	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							Yes
JL	AL	0 458 513	11/27/91	Europe			
✓	AM	3,306,941	08/30/84	Germany (Abstract attached)			X
✓	AN	0 277 744	08/10/88	Europe			
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

Team Sequence

DATE CONSIDERED

11-30-2000

EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

- Neither English Language Equivalent nor an English Language Translation is available.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)ATTY. DOCKET NO.
NAK1-BG43SERIAL NO.
09/280,777

APPLICANT

Taketo Heishi et al.

FILING DATE

March 29, 1999

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT						DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A											
	B											
	C											
	D											
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
														YES	NO
JL	L	4	2	8	2	7	2	6		Japan					X
↓	M	7	1	7	5	6	5	2		Japan					X
	N														
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	P														
	Q														

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER Jean J. Lee DATE CONSIDERED 11-30-2000

*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

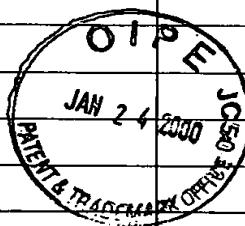
INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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			Applicant Wolfgang Jacobsen et al	
			Filing Date April 14, 1999	Group 2774

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JL	AA	3,451,741	06/24/69	Manos	350	160	
JL	AB	4,919,514	04/24/90	Ebert et al	350	96.34	
	AC						
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JAN 28 2000

Group 2700

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
JL	AL	3,223,706	12/29/83	Germany (Abstract Attached)				X
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JL	AR	Firmenbroschüre Fa. Leukhardt, Systemelektronik, Tuttlingen: LS-IC - Die leistungsstarke
		Industriecomputer -Familie, (month unavailable) 1998, pages 1-8.
	AS	F.L. Pedrotti, L.S. Pedrotti, Introduction to Optics, pages 38-40 (date unavailable) 3-5 Refraction
		Through Plane Surfaces
	AT	Mol. Cryst Liq. Cryst. (month unavailable) 1984, Vol. 109, page 3, Birendra Bahadur, Liquid
		Crystal Displays

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Year Jever

DATE CONSIDERED

12-1-2000

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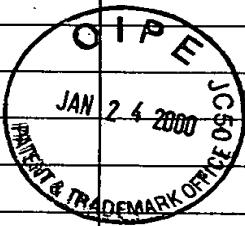
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	AH						
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							Yes
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JL	AR	J.Fricke, A. Emmerling, Aerogels-Preparation, Properties, Applications, in R. Reisfeld,
		C.K. Joergensen (Ed). Chemistry Spectroscopy and Application of Sol-Gel Glasses, Springer Verlag (month unavailable) 1992, pages 37-87
AS	AS	P. Cielo, Optical Techniques for Industrial Inspection, Academic Press San Diego (month unavailable) 1988, page 128-130, Reduction of Electronic Noise
		David A. Glocker, Ismat Shah (Ed.) Handbook of Thin Film Process Technologie, Institute of Physics Publishing, Bristol and Philadelphia (month unavailable) 1995
AT	AT	EXAMINER <i>Dean G. G.</i> DATE CONSIDERED <i>12-1-2000</i>
		EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

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